

SOAS B.Sc. (Hons.) Agriculture Scheme of Studies 2019-23 as per Choice Based Credit System (CBCS)

YEAR	ODD SEMESTER								EVEN SEMESTER							
	SN _o	COURSE CODE	COURSE TITLE	L	T	P	C	SN _o	COURSE CODE	COURSE TITLE	L	T	P	C		
FIRST	1	SAAG109A	Introduction to Soil Science	2	0	1	3	1	SAAG104A	Principles of Agronomy	2	0	1	3		
	2	SAAG117A	Principles of Agricultural Meteorology	2	0	1	3	2	SAAG106A	Biochemistry	2	0	1	3		
	3	SAAG105A	Insect Morphology and Systematics	3	0	1	4	3	SAAG108A	Fundamentals of Genetics	2	0	1	3		
	4	SAAG103A	Introductory Agriculture	1	0	0	1	4	SAAG110A	Fundamentals of Agricultural Extension Education	2	0	1	3		
	5	SAMA163A or SAAG111A	Basics of Mathematics OR Introductory Biology (Optional)	4 3	0 0	0 1	4 4	5	SAAG112A	Agricultural Microbiology	2	0	1	3		
	6	SACS102A	Information Technology Fundamentals	4	0	0	4	6	SAAG114A	Soil and Water conservation Engineering	1	0	1	2		
	7	SAMA149A	Introduction to Statistical Methods	2	0	0	2	7	SAAG118A	Fundamentals of Rural Sociology and Educational Psychology	2	0	0	2		
	8	SACHI25A	Environmental Studies	3	0	0	3	8	SAAG116A	Insect Ecology and Pest Management	2	0	1	3		
	9		Open Elective	4	0	0	4	9		Open Elective	4	0	0	4		
	10															
TOTAL				24 or 25	0	4 or 3	28	TOTAL				19	0	7	26	

SECOND	1	SAAG201A	Crop Production Technology-I (Kharif Crops)	1	0	1	2	1	SAAG204A	Fundamentals of Plant Breeding	2	0	1	3	
	2	SAAG203A	Fundamentals of Crop Physiology	1	0	1	2	2	SAAG206A	Production Technology of Fruits and Plantation Crops	2	0	1	3	
	3	SAAG205A	Fundamentals of Horticulture	1	0	1	2	3	SAAG208A	Fundamentals of Agricultural Economics	2	0	0	2	
	4	SAAG207A	Introduction to Forestry	1	0	1	2	4	SAAG210A	Principles of Seed Technology	2	0	1	3	
	5	SAAG209A	Livestock and Poultry Management	2	0	1	3	5	SAAG212A	Production Technology for Vegetable and Spice Crops	1	0	1	2	
	6	SADM301A	Disaster Management	3	0	0	3	6	SAAG214A	Farm Machinery and Power	1	0	1	2	
	7	SAAG213A	Renewable Energy and Green Technology	1	0	1	2	7	SAAG216A	Agricultural Marketing Trade & Prices	2	0	1	3	
	8	SAAG215A	Fundamentals of Plant Pathology	2	0	1	3	8	SAAG218A	Problematic Soils and their Management	1	0	1	2	
	9	SAAG217A	Agriculture Finance and Cooperation	2	0	0	2	9	SAAG220A	Agriculture Informatics	2	0	0	2	
	10	SAAG219A	Production Technology for Ornamental Crops, MAP and Landscaping	1	0	1	2	10	SAAG211A	Crop Production Technology-II (Rabi Crops)	1	0	1	2	
TOTAL				15	0	8	23	TOTAL				18	0	9	27


THIRD	1	SAAG301A	Principles of integrated disease management	1	0	1	2	1	SAAG302A	Manures, Fertilizers and soil fertility management	1	0	1	2	
	2	SAAG303A	Pests of crops and stored grains and their management	2	0	1	3	2	SAAG304A	Diseases of field and horticultural crops -II	2	0	1	3	
	3	SAAG305A	Crop improvement - I (Kharif Crops)	1	0	1	2	3	SAAG306A	Entrepreneurship Development and business communication	2	0	0	2	
	4	SAAG307A	Geoinformatics and Nanotechnology and Precision farming	1	0	1	2	4	SAAG320A	Weed Management	1	0	1	2	
	5	SAAG309A	Practical Crop Production - I (Kharif Crops)	0	0	2	2	5	SAAG312A	Protected Cultivation and secondary agriculture	1	0	1	2	
	6	SAAG311A	Rainfed Agriculture and Watershed Management	1	0	1	2	6	SAAG316A	Principles of organic farming	1	0	1	2	
	7	SAAG313A	Diseases of field and horticultural crops and their management-I	2	0	1	3	7	SAAG317A	Crop Improvement-II (Rabi Crops)	1	0	1	2	
	8	SAAG314A	Post harvest management and value addition of fruits and vegetables	1	0	1	2	8	SAAG318A	Farm management, Production and Resource Economics	1	0	1	2	
	9	SAAG308A	Intellectual Property rights	1	0	0	1	9	SAAG319A	Practical Crop Production-II (Rabi Crops)	0	0	2	2	
	10	SAAG321A	Human Values and Ethics	1	0	0	1	10	SAAG315A	Management of beneficial insects	1	0	1	2	
	11	SAAG202A	Farming System and Sustainable Agriculture	1	0	0	1	11	SAAG310A	Mushroom Cultivation	1	0	1	2	
	12	SAAG223A	Elective (Commercial Plant Breeding)	2	0	1	3	12	SAAG229A	Elective (Hi-Tech Horticulture)	2	0	1	3	
TOTAL				14	0	10	24	TOTAL				14	0	12	26

NOTE: PRACTICAL TRAINING WILL BE FOUR WEEKS DURATION AT THE END OF SIXTH SEMESTER DURING SUMMER BREAK AND THE EVALUATION WILL BE DONE AT THE END OF SEVENTH SEMESTER (Two Module only).

FOURTH	1	SAAG401A	Commercial Beekeeping	0	0	10	10	1	SAAG414A	Rural Agricultural Work Experience and Agro-Industrial Attachment-Component-I	0	0	14	14	
	2	SAAG402A	Commercial Sericulture	0	0	10	10								
	3	SAAG403A	Production Technology for Bioagents and Biofertilizers	0	0	10	10	2	SAAG415A	Rural Agricultural Work Experience and Agro-Industrial Attachment-Component-II	0	0	6	6	
	4	SAAG404A	Commercial Horticulture	0	0	10	10								
	5	SAAG405A	Floriculture and Landscaping	0	0	10	10								
	6	SAAG406A	Food Processing	0	0	10	10								
	7	SAAG407A	Mushroom Cultivation Technology	0	0	10	10								
	8	SAAG408A	Seed Production and Technology	0	0	10	10								
	9	SAAG409A	Organic Production Technology	0	0	10	10								
	10	SAAG410A	Soil, Plant, Water and Seed Testing	0	0	10	10								
	11	SAAG411A	Poultry Production Technology	0	0	10	10								
	12	SAAG412A	Agriculture Waste Management	0	0	10	10								
	13	SAAG413A	(Evaluation of Experiential Learning Programme (ELP))	0	0	2	2								
TOTAL				0	0	22	22	TOTAL				0	0	0	20

DEPARTMENTAL ELECTIVE													
1	SAAG221A	Agribusiness Management	2	0	1	3	7	SAAG227A	Protected Cultivation	2	0	1	3
2	SAAG222A	Agrochemicals	2	0	1	3	8	SAAG228A	Micro Propagation Technologies	2	0	1	3
3	SAAG223A	Commercial Plant Breeding	2	0	1	3	9	SAAG229A	Hi-Tech Horticulture	2	0	1	3
4	SAAG224A	Landscaping	2	0	1	3	10	SAAG230A	Weed Management	2	0	1	3
5	SAAG225A	Food Safety and Standards	2	0	1	3	11	SAAG231A	System Simulation and Agro advisory	2	0	1	3
6	SAAG226A	Bio-pesticides and Bio-fertilizers	2	0	1	3	12	SAAG232A	Agricultural journalism	2	0	1	3

TOTAL CREDITS [C] **196**


Registrar
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B.A. B.Sc(H) Agriculture

Pre-requisites/Exposure	None
Co-requisites	--

Components	Evaluation 1	Evaluation 2	Practical	End Term Exam
Weightage (%)	00	00	100	00

Course Code	Course Title	L	T	P	C
Module-II	Module-I (SAAG401-412A)	0	0	10	10
Pre-requisites/Exposure	None				
Co-requisites	--				

Components	Evaluation 1	Evaluation 2	Practical	End Term Exam
Weightage (%)	00	00	100	00

Course Code	Course Title	L	T	P	C
SAAG413A	Evaluation of Experimental Learning Programme (ELP)	0	0	2	2
Pre-requisites/Exposure	None				
Co-requisites	--				

Components	Evaluation 1	Evaluation 2	Practical	End Term Exam
Weightage (%)	00	00	100	00

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1	3					2						3		
CO2			2									3		
CO3						2			1			3		
CO4	1										3		3	

1=lightly mapped 2=moderately mapped 3=strongly mapped